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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,418	08/13/2001	Jogen Pathak	24148115.000019	1226

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EXAMINER

PWU, JEFFREY C

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 11/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/929,418	PATHAK ET AL.	
	Examiner	Art Unit	
	Jeffrey Pwu	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Title

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being unpatentable over Baker et al. (U.S. 2001/0055298).

Baker et al. disclose claims:

1. A method for establishing a data connection in a wireless data services network, said method comprising:

receiving a signal requesting a data connection with a particular wireless client by a content server; transmitting a signal to the wire less client causing the wireless client to request a data connection with the content server (abstract; fig.3; “WAIN”);

receiving a signal from a node, said signal embedded with an address associated with the wireless client; and transmitting the address towards the content server (abstract; fig.3;

“WAIN”).

2. The method of claim 1, wherein receiving the signal requesting a data connection further comprises: receiving the signal requesting the data connection from a content enabler, wherein the content enabler receives the signal requesting the data connection from the content server (§ 0054-0063).

3. The method of claim 1, wherein transmitting a signal to the wireless client comprises transmitting a Request PDP Activation signal to the wireless client (§ 0075).

4. The method of claim 1, wherein transmitting a signal to the wireless client further comprises determining a base station serving the wireless client (100; fig.3)

5. The method of claim 1, wherein receiving a signal from a node further comprises receiving an Activate PDP Accept signal from a Serving General Packet Radio Services Support Node (SGSN) embedded with an Internet Protocol (IP) Address (§ 0075).

6. The method of claim 1, wherein transmitting the address towards the content server, further comprises transmitting the address to a content enabler, wherein the content enabler transmits the address to the content server (§ 0090; content server).

7. A wireless for establishing data connections in a wireless data services network, said method comprising:

at least one upstream port for receiving signals requesting data connections with particular wireless clients by content servers and transmitting addresses associated with the wireless clients towards the content servers; and at least one downstream port for transmitting signals to wireless clients, said signal causing the wireless clients to request data connections

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with the content servers; wherein the upstream port receives signals embedded with the addresses associated with the wireless clients from a node (abstract; fig.3; "WAIN").

8. The wireless content switch of claim 7, further comprising:

a memory for storing a wireless client table comprising a plurality of records, wherein each of said records is associated with a particular wireless client and further comprise: a wireless client indicator for identifying the particular wireless client associated

with the record; and a content enabler indicator for identifying a particular content enabler associated with a particular content server requesting the data connection with the particular wireless client (§ 0054-0063).

9. The wireless content switch of claim 8, wherein the upstream port transmits the address associated with a particular wireless client to the content enabler identified by the content enabler indicator in the record associated with the particular wireless client (§ 0072-0090).

10. The wireless content switch of claim 8, wherein the wireless client identifier comprises an International Mobile Subscriber Identifier (§ [0086], "The mobile's unique secret Mobile Subscriber Identity (MSI) is obtained through a permanent subscription and used in a standard authentication procedure for validation which is known in the prior art.").

11. The wireless content switch of claim 8, wherein the wireless client identifier comprises a mobile station international subscriber directory number (§ [0086]).

12. The wireless content switch of claim 8, wherein each of the records further comprise:

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a base station system identifier identifying the base station system serving the wireless client associated with the record (§ 0090; content server).

13. The wireless content switch of claim 12, wherein the at least one downstream port transmits signals to the wireless clients via the base station system identified by the base station identifier in the record associated with the wireless client (§ 0090; content server).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey Pwu whose telephone number is 571 272-6798. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571 272-3923.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Wednesday, October 27, 2004

JEFFREY PWU
PRIMARY EXAMINER